Republic of Rwanda

Ministry of ICT and Innovation

Rwanda's Digital Transformation

5th eGovernance Conference

TALLINN, MAY 2019

Presentation Outline

- Rwanda at a glance
- Doing Business Landscape
- Digital Transformation Agenda

Rwanda at a glance

Population size
12.7 million

Govt. & Parliament
Presidential republic
Bicameral parliament

Official languages
Kinyarwanda,
French, English, Swahili

GDP per capita
USD 774 (3.8x since ‘02)

Literacy/Unemployment
68% / 16%

GDP (10 yr growth)
USD 9.1bn (7.5% p.a.)

Currency/exchange rate
Rwanda Francs (RWF)
~RWF 875/USD[1]

Ratings
B+, “stable” - Fitch
B, “stable” - S&P

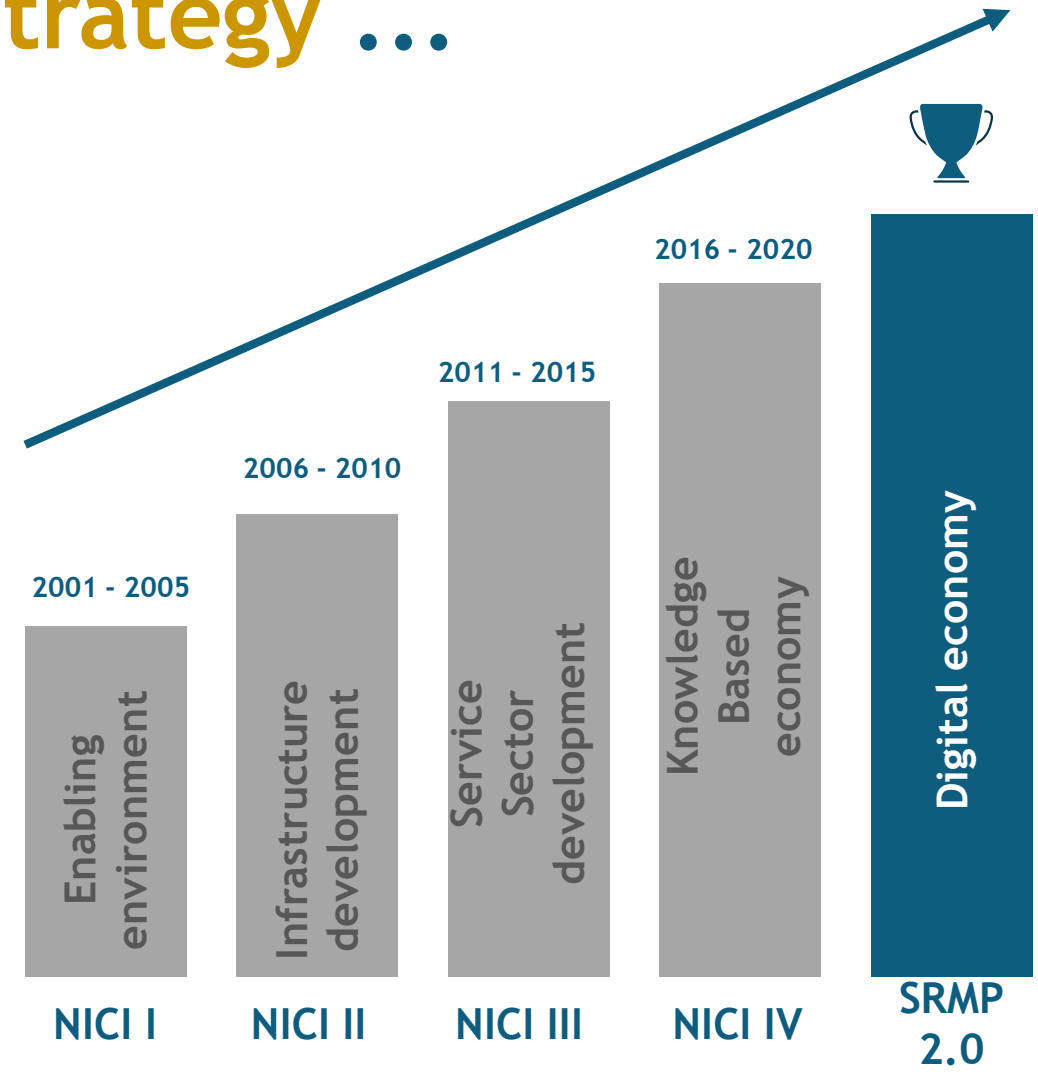
1. As of 27 Oct. 2018 | Sources: World Atlas, World Bank, Fitch, S&P

Friendly business environment

Rwanda has undertaken a holistic approach to improving its Business environment...

Fast growing economy	2nd fastest growing economy in Africa (7.5% p.a. since 2007) Young and growing population (~70% of population under 30)
Low risk	5th safest country to walk at night worldwide Lowest debt ratio in region & stable credit ratings Stable currency
Well governed & business friendly	2nd for doing business in Africa; globally 29th 1st for Government transparency in Africa Most women in Parliament and in a gender-balanced Cabinet in the world (respectively 61% and 50%)
Connected Hub	Strong African hub potential; highly connected African airline 3rd MICE ranking in Africa; +18 ranks in 3 years Growing bilingual, educated workforce (~50k tertiary grad./yr)
IT ready	1st in the world for network readiness 2nd in the world of ICT promotion 95% 4G LTE network coverage; 7,000km fibre

Rwanda set out on a 20-year ICT Policy and Strategy …



…thanks to the strong political will to leverage ICT as a key enabler for Rwanda's growth, the industry has registered growth:

2005

- Liberalization of the Telecom Market
- Institutional frameworks: MINICT, RURA, RISA

2010

- National Backbone, National Data Center, Cyber Security Infrastructure, KMN
- Service Access Points, e-Soko,
- Integrated Electronic Case Management System

2015

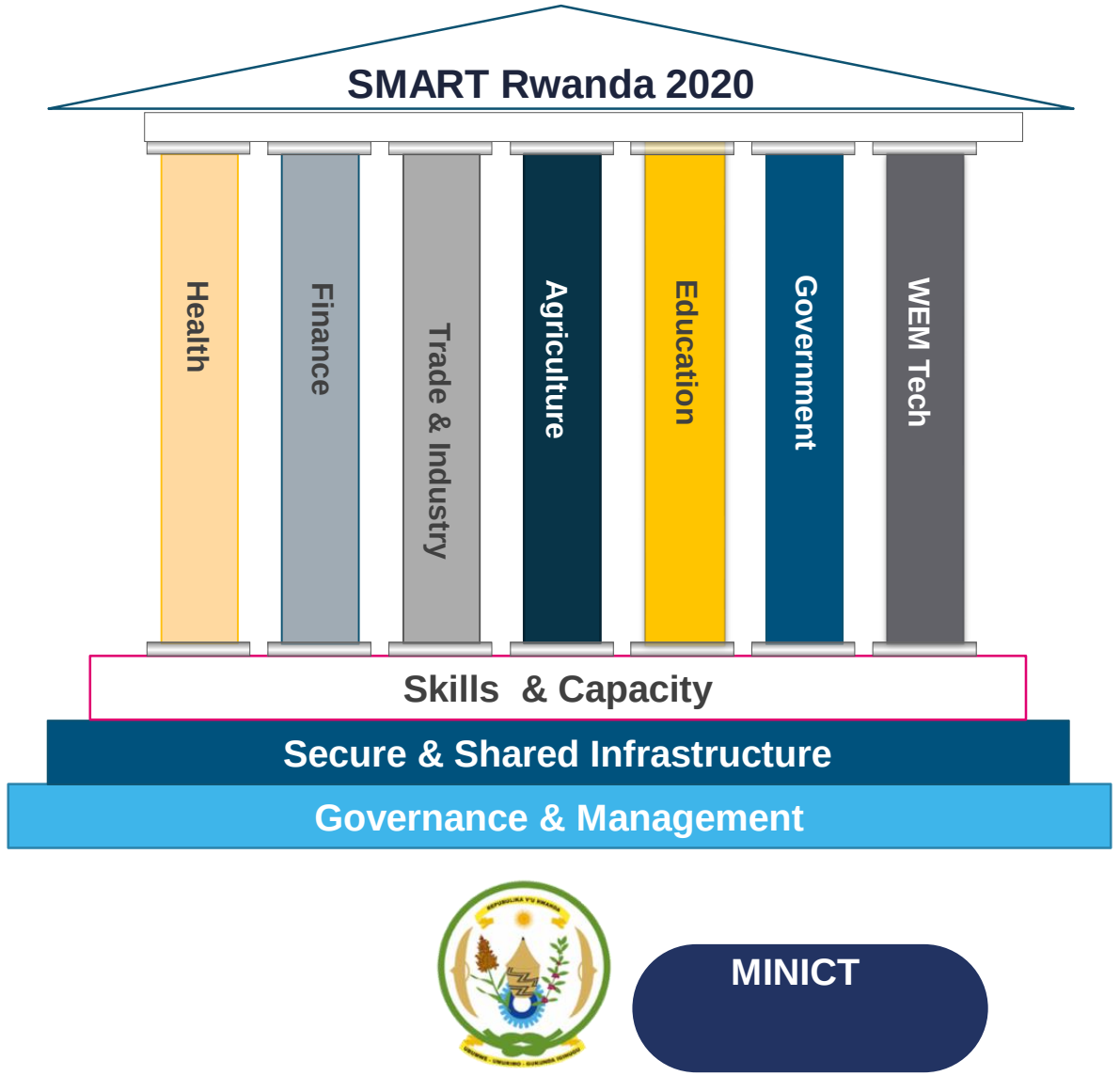
- Irembo
- Integrated Financial Management System,
- Integrated Payroll Payment System
- Analog to digital migration

2020

- E-Procurement System, Unified IP based Communication, Govt Command Center
- Smart Nkunganire, Health Insurance Registry

Rwanda's Digital Transformation agenda

1. **National economic digital transformation:**
   - Broadband for all by 2020
   - Digital Literacy for all
   - Service digitization to achieve 100% self service by 2024
   - Drive cyber security programs and create a safe digital economy for Rwanda's

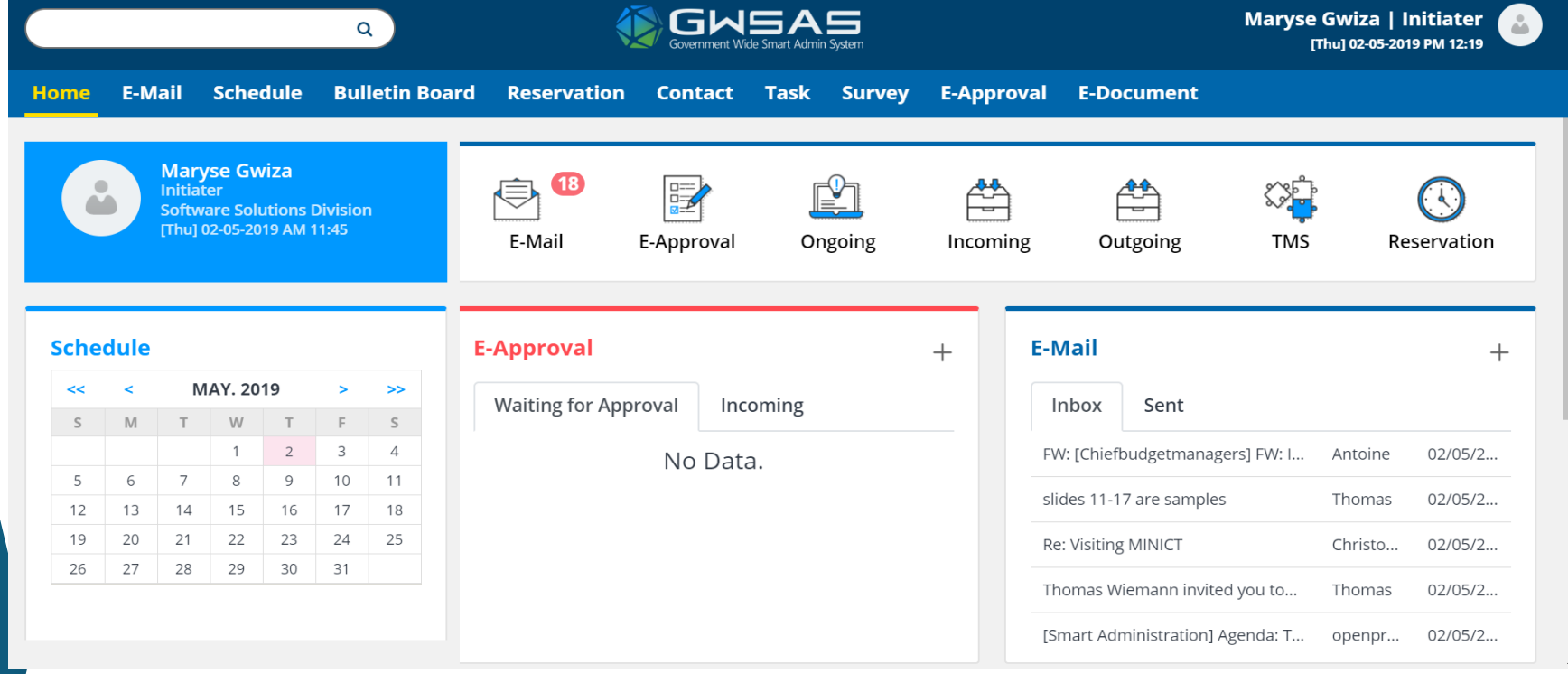


Key sector policies

Championing Rwanda's digital Transformation

- Smart Administration System
- Government Enterprise Service Bus
- Digital ID
- Irembo 2.0

Smart Administration System



Consolidated Government Directory

Government Shared chat system

Centralized email platform

Central repository for office documents

Mobility and use of digital signatures

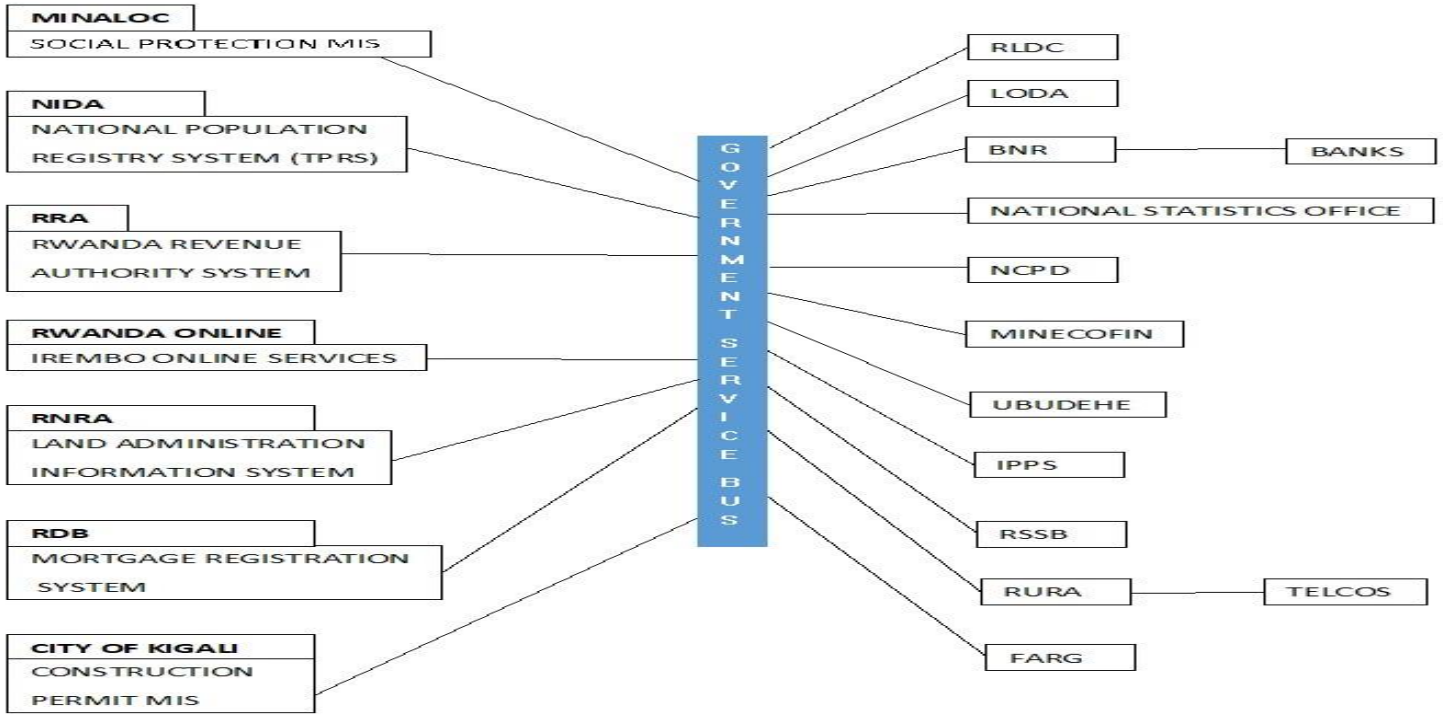
Encryption by default

Project Management System

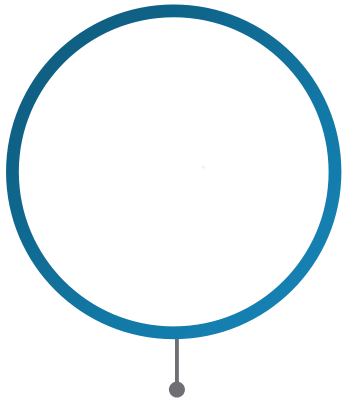
Automation of all internal administrative platforms

Government Enterprise Service Bus

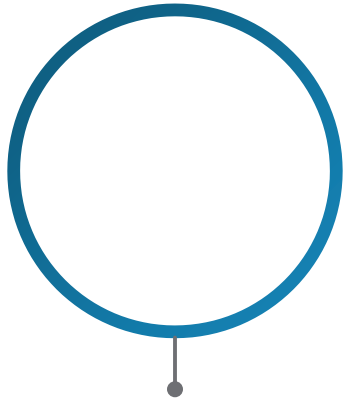
- Interconnecting Back-office systems using one single point of connection,
- Eliminate duplication of resources and security gaps of data exchange.
- To harmonize Technology, Interconnection protocols , Policies and Procedures.



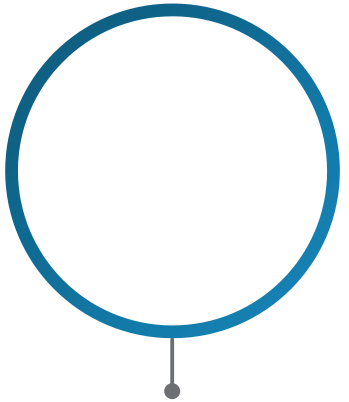
Digital ID



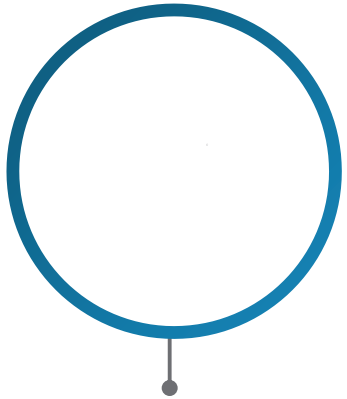
National Population Registry + eID System



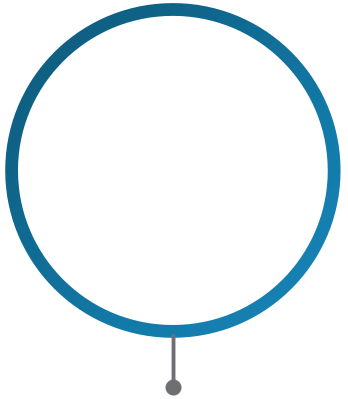
Real-time identify checks



Civil Registration and Vital Statistics



Policies, Legal and Regulatory environment



Cross-border mutual recognition

irembo 2.0

96 Most demanded Services online

3200+ Agents Network

33 Services redesigned for End-End [4+29]

Integrated with institutional Backend Systems